THE UNIVERSITY of ADELAIDE

2022 Study Plan
Bachelor of Engineering (Honours) (Electrical and Electronic) and Bachelor of Arts — Semester 2 Start

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No Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	ELEC ENG 3104 Electric Drive Systems ☐	ELEC ENG 3110 Electric Power Systems ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ELEC ENG 3101 Control ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ENG 3004 Systems Engineering & Industry Practice ☐	ELEC ENG 4105 Real-Time & Embedded Systems ☐	ELEC ENG 4106 Radio Frequency Systems ☐	~Arts Major Course ☐
Year 5				
S1	ENG 3005 Research Method & Project Management ☐	E&E Engineering Elective (see elective table) ☐	Level II Arts Elective ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	E&E Engineering Elective (see elective table) ☐	E&E Engineering Elective (see elective table) ☐	~Arts Major Course ☐

Core Course	Elective (see table)	Double Degree Courses

~Arts Core Competency and Electives courses may be chosen from the listed courses in the Program Rules for the degree of Bachelor of Arts. Students must complete a major in accordance with the Program Rules for the Bachelor of Arts: https://calendar.adelaide.edu.au/faculty/arts

^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.

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Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	COMP SCI 2103	Algorithm Design & Data Structures	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	COMP SCI 3001	Computer Networks & Applications		COMP SCI 3006	Software Engineering & Project
	ELEC ENG 3088	Computer Architecture		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 4058	Power Quality & Condition Monitoring		ELEC ENG 3113	Principles of Medical Imaging
	ELEC ENG 4063	Communications		ELEC ENG 4061	Image Processing
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 4087	Electricity Market and Power System Operations
	ELEC ENG 4112	Signal Processing Applications		ELEC ENG 4107	Autonomous Systems
				ELEC ENG 4111	Distributed Generation Technologies
				ELEC ENG 4115	Biomedical Instrumentation

NOTES

Internships: All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies. Internships are self-sourced and further information can be found on the Engineering Internships web page: https://ecms.adelaide.edu.au/study-with-us/student-support/internships/engineering.

Program Rules: For academic program rules please refer to the following website: https://calendar.adelaide.edu.au/faculty/ecms

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Communication Systems Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	ELEC ENG 3108 Telecommunications Principles ☐	COMP SCI 2103 Algorithm Design & Data Structures ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ELEC ENG 3101 Control ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ELEC ENG 4106 Radio Frequency Systems ☐	ELEC ENG 4054 Telecommunications Systems ☐	ENG 3004 Systems Engineering & Industry Practice ☐	~Arts Major Course ☐
Year 5				
S1	COMP SCI 3001 Computer Networks & Applications ☐	ENG 3005 Research Method & Project Management ☐	Level II Arts Elective ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	ELEC ENG 4063 Communications ☐	E&E Engineering Elective (see elective table) ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

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Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	COMP SCI 3007	Artificial Intelligence	**S2**	ELEC ENG 4061	Image Processing
	ELEC ENG 3088	Computer Architecture		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4105	Real-Time & Embedded Systems
	ELEC ENG 4109	Digital Microelectronics			
	ELEC ENG 4112	Signal Processing Applications			

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Computer Engineering Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	COMP SCI 2103 Algorithm Design & Data Structures ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	~Arts Major Course ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ELEC ENG 3101 Control ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ELEC ENG 4105 Real-Time and Embedded Systems ☐	COMP SCI 3004 Operating Systems ☐	ENG 3004 Systems Engineering & Industry Practice ☐	Level II Arts Elective ☐
Year 5				
S1	ELEC ENG 4109 Digital Microelectronics ☐	ELEC ENG 3088 Computer Architecture ☐	ENG 3005 Research Method & Project Management ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	COMP SCI 3001 Computer Networks & Applications ☐	E&E Engineering Elective (see elective table) ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

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^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.

Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	COMP SCI 3007	Artificial Intelligence	**S2**	COMP SCI 3006	Software Engineering & Project
	COMP SCI 3308	Cybersecurity Fundamentals		COMP SCI 3307	Secure Programming
	ELEC ENG 4112	Signal Processing Applications		ELEC ENG 3104	Electric Drive Systems
				ELEC ENG 3108	Telecommunications Principles
				ELEC ENG 4061	Image Processing
				ELEC ENG 4106	Radio Frequency Systems

NOTES

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Cybersecurity Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	COMP SCI 2000 Computer Systems ☐	COMP SCI 2103 Algorithm Design & Data Structures ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	COMP SCI 2201 Algorithm & Data Structure Analysis ☐	ELEC ENG 3101 Control ☐	ELEC ENG 2102 Electric Energy Conversion ☐	~Arts Major Course ☐
S2	COMP SCI 3004 Operating Systems ☐	COMP SCI 3307 Secure Programming ☐	ENG 3004 Systems Engineering & Industry Practice ☐	~Arts Major Course ☐
Year 5				
S1	COMP SCI 3308 Cybersecurity Fundamentals ☐	ENG 3005 Research Method & Project Management ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	E&E Engineering Elective (see elective table) ☐	Level II Arts Elective Course ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

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^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.

Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	COMP SCI 3001	Computer Networks & Applications	**S2**	COMP SCI 3006	Software Engineering & Project
	ELEC ENG 4063	Communications		ELEC ENG 3104	Electric Drive Systems
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 3108	Telecommunications Principles
				ELEC ENG 4061	Image Processing
				ELEC ENG 4105	Real-Time & Embedded Systems
				ELEC ENG 4106	Radio Frequency Systems

NOTES

Internships: All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies. Internships are self-sourced and further information can be found on the Engineering Internships web page: https://ecms.adelaide.edu.au/study-with-us/student-support/internships/engineering.

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Defence Systems Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	ELEC ENG 4107 Autonomous Systems ☐	ENG 3305 Human Factors for Decision Making ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ELEC ENG 3101 Control ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ENG 4020 Complex Systems Engineering ☐	E&E Engineering Elective (see elective table) ☐	ELEC ENG 4106 Radio Frequency Systems ☐	ENG 3004 Systems Engineering & Industry Practice ☐
Year 5				
S1	POLIS 1104 Introduction to Comparative Politics ☐	ENG 3005 Research Method & Project Management ☐	~Arts Major Course ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	ENG 4010 Defence Leadership ☐	Level II Arts Elective ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

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Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	COMP SCI 2103	Algorithm Design & Data Structures	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	COMP SCI 3001	Computer Networks & Applications		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 4063	Communications		ELEC ENG 4061	Image Processing
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 4111	Distributed Generation Technologies
	ELEC ENG 4112	Signal Processing Applications			

NOTES

Internships: All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies. Internships are self-sourced and further information can be found on the Engineering Internships web page: https://ecms.adelaide.edu.au/study-with-us/student-support/internships/engineering.

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Medical Technologies Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	Level II Arts Elective ☐	~Arts Major Course ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ANAT SC 1102 Human Anatomy and Physiology IA ☐	ELEC ENG 3101 Control ☐	ELEC ENG 2102 Electric Energy Conversion ☐	~Arts Major Course ☐
S2	MECH ENG 4101 Biomechanical Engineering ☐	ELEC ENG 3113 Principles of Medical Imaging ☐	ENG 3004 Systems Engineering & Industry Practice ☐	~Arts Major Course ☐
Year 5				
S1	ENG 3101 Introduction to Medical Technologies ☐	PHYSIOL 2510 Physiology IIA: Heart, Lung & Neuromuscular Systems ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	ENG 3005 Research Method & Project Management ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4115 Biomedical Instrumentation ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	E&E Engineering Elective (see elective table) ☐	~Arts Major Course ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

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Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	ANAT SC 2006	Foundations of Human Neuroanatomy	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	ANAT SC 2109	Biology and Development of Human Tissues		ELEC ENG 3108	Telecommunications Principles
	COMP SCI 2103	Algorithm Design & Data Structures		ELEC ENG 4061	Image Processing
	ELEC ENG 4063	Communications		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4109	Digital Microelectronics			
	ELEC ENG 4112	Signal Processing Applications			

NOTES

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Renewable Energy Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	ELEC ENG 3110 Electric Power Systems ☐	ELEC ENG 3104 Electric Drive Systems ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ELEC ENG 3101 Control ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ELEC ENG 4111 Distributed Generation Technologies ☐	CHEM ENG 4048 Biofuels, Biomass and Wastes ☐	ENG 3004 Systems Engineering & Industry Practice ☐	~Arts Major Course ☐
Year 5				
S1	ENG 3005 Research Method & Project Management ☐	E&E Engineering Elective (see elective table) ☐	Level II Arts Elective ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	MECH ENG 4064 Renewable Power Technologies ☐	E&E Engineering Elective (see elective table) ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

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^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.

Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	COMP SCI 2103	Algorithm Design & Data Structures	**S2**	COMP SCI 2103	Algorithm Design & Data Structures
	COMP SCI 3001	Computer Networks & Applications		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 4058	Power Quality & Condition Monitoring		ELEC ENG 4087	Electricity Market and Power System Operations
	ELEC ENG 4109	Digital Microelectronics		~~MECH ENG 4145~~	~~Sustainable Thermal Technologies~~ *(not offered 2022)*

NOTES

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Smart Technologies Major

Year 1				
S2	MATHS 1011 Mathematics IA ☐	PHYSICS 1510 Physics 1E: Mechanics & Thermodynamics ☐	ELEC ENG 1102 Digital Electronics ☐	ENG 1002 Programming (Matlab and C) ☐
Year 2				
S1	MATHS 1012 Mathematics IB ☐	COMP SCI 1102 Object Oriented Programming ☐	^ENG 1001 Introduction to Engineering ☐	ELEC ENG 1100 Analog Electronics ☐
S2	MATHS 2107 Statistics & Numerical Methods II ☐	ELEC ENG 2103 Design & Innovation ☐	ELEC ENG 2104 Digital Signal Processing ☐	~Arts Core Competency ☐
Year 3				
S1	MATHS 2106 Differential Equations for Engineers II ☐	ELEC ENG 2100 Digital Systems ☐	ELEC ENG 2101 Electronic Circuits ☐	~Arts Major Course ☐
S2	COMP SCI 2103 Algorithm Design & Data Structures ☐	MECH ENG 3032 Micro-Controller Programming ☐	ELEC ENG 2106 Vector Calculus & Electromagnetics ☐	~Arts Major Course ☐
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S1	ELEC ENG 2102 Electric Energy Conversion ☐	ELEC ENG 3101 Control ☐	ELEC ENG 3103 Engineering Electromagnetics ☐	~Arts Major Course ☐
S2	ELEC ENG 4107 Autonomous Systems ☐	ELEC ENG 3108 Telecommunications Principles ☐	ENG 3004 Systems Engineering & Industry Practice ☐	~Arts Major Course ☐
Year 5				
S1	COMP SCI 3001 Computer Networks & Applications ☐	ENG 3005 Research Method & Project Management ☐	Level II Arts Elective ☐	~Arts Major Course ☐
S2	ENG 4001A Research Project Part A ☐	ELEC ENG 4100 Business Management Systems ☐	~Arts Major Course ☐	~Arts Major Course ☐
Year 6				
S1	ENG 4001B Research Project Part B ☐	E&E Engineering Elective (see elective table) ☐	E&E Engineering Elective (see elective table) ☐	~Arts Major Course ☐

Core Course	Major course	Elective (see table)	Double Degree Courses

~Arts Core Competency and Electives courses may be chosen from the listed courses in the Program Rules for the degree of Bachelor of Arts. Students must complete a major in accordance with the Program Rules for the Bachelor of Arts: https://calendar.adelaide.edu.au/faculty/arts

^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.

Electives Table

CHOOSE FROM THE FOLLOWING ELECTRICAL & ELECTRONIC (E&E) ENGINEERING ELECTIVES					
S1	ELEC ENG 3088	Computer Architecture	**S2**	COMP SCI 3006	Software Engineering & Project
	ELEC ENG 4063	Communications		ELEC ENG 3108	Telecommunications Principles
	ELEC ENG 4069	Radar Principles & Systems		ELEC ENG 4061	Image Processing
	ELEC ENG 4109	Digital Microelectronics		ELEC ENG 4067	Antennas & Propagation
	ELEC ENG 4112	Signal Processing Applications			

NOTES

Internships: All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies. Internships are self-sourced and further information can be found on the Engineering Internships web page: https://ecms.adelaide.edu.au/study-with-us/student-support/internships/engineering.

Program Rules: For academic program rules please refer to the following website: https://calendar.adelaide.edu.au/faculty/ecms

Information and Enrolment Advice:
Ask ECMS
Email: askecms@adelaide.edu.au
Website: https://ecms.adelaide.edu.au/study-with-us/student-support